

	Technical Data Sheet	Version: 2
		Valid from: 13.09.2023
C.E. Roeper GmbH Hans-Duncker-Str. 13 21035 Hamburg Tel.: +49 40 734103-0 E-Mail: office@roeper.de	CERO Agar Agar Gelidium Type 8952 min. 750 gel Article ID: 10156	Seite 1 von 9



General Information

Customs tariff number:	13023100
CAS:	9002-18-0
EC no.:	232-658-1
GRAS status:	approved
INCI name:	Agar
Country of origin:	Spain, France, Morocco, Portugal, Mexico, Indonesia, Chile, South Africa
Country of Manufacturing:	Spain
Ingredients:	100 % Agar
Source of Raw Material:	vegetable (Agar)
Uses and application:	stabiliser, thickener, emulsifier
Regulatory Information (purity requirements):	E 406 – Regulation (EU) No 231/2012

Definition / Description

A dried hydrophilic, colloidal polygalactoside extracted from certain natural strains of marine algae of the families Gelidiaceae and Sphaerococcaceae and related red algae of the class Rhodophyceae.

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Packaging and storage

Packaging (primary):	Transparent polyethylene bag
Packaging (secondary):	paper box
Dimensions (LxBxH in cm):	72 x 70 x 40
Packaging weight (in kg):	25
Shelf life, unopened (in years):	4
Storage conditions:	dark, ambient and dry conditions in well closed containers

According to declarations of our suppliers we can confirm that our food grade products are packed in material which is according to present European Directives and Regulations and their amendments for packaging material which could come into contact with foodstuff; especially the regulation EU (No) 1935/2004 and the regulation EU (No) 10/2011 in their current versions, and therefore it is suitable for food.

General label information:	Product name, Reference no., Batch no., Production date, Expiry date, Quantity
Traceability	The traceability of the product is guaranteed based on the Reference / Batch number and customer order Reference No.: XXXXXXXX (ongoing number)
Supplier batch encoding system	AAXYYYYY, AA = Year XX = Production line YYYYYY = Correlative number.

Product specification

<u>Parameter</u>	<u>Unit</u>	<u>Specification</u>
Appearance		white to yellowish white, nearly odourless powder
Solubility		insoluble in cold water, soluble in boiling water
Assay Agar		threshold gel concentration max. 0.25
Gel strength (1.5%, 15h)	g/cm ²	min. 750
Loss on drying	%	max. 22
Ash on DM	%	max. 6.5
Acid-insoluble ash on DM	%	max. 0.5
Insoluble matter	%	max. 1
Starch		not detectable
Gelatine and other proteins		not detectable

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Water absorption		max. 75 ml of water is obtained
Arsenic	mg/kg	max. 3
Lead	mg/kg	max. 5
Mercury	mg/kg	max. 1
Cadmium	mg/kg	max. 1
Total plate count	cfu/g	max. 5000
Yeasts and moulds	cfu/g	max. 300
E. coli		negative in 5 g
Salmonella spp.		negative in 5 g

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Allergen statement acc. to regulation (EU) 1169/2011

	Present acc. to recipe	Present in			No cross contami- nation possible
		company	production line	plant/ harvest	
gluten containing cereals and cereal products	☐	☐	☐	☐	☒
crustaceans and crustacean products	☐	☐	☐	☐	☒
eggs and egg products	☐	☐	☐	☐	☒
fish and fish products	☐	☐	☐	☐	☒
peanuts and peanut products	☐	☐	☐	☐	☒
soybean and soybean products	☐	☐	☐	☐	☒
milk and milk products	☐	☐	☐	☐	☒
shell fruits and shell fruit products	☐	☐	☐	☐	☒
celery	☐	☐	☐	☐	☒
mustard	☐	☐	☐	☐	☒
sesame seeds	☐	☐	☐	☐	☒
sulphur dioxide and sulphite >10mg/kg, >10mg/l, as SO ₂	☐	☐	☐	☐	☒
lupine and lupine products	☐	☐	☐	☐	☒
mollusca	☐	☐	☐	☐	☒

Cereal containing gluten namely wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains and products thereof

Nuts namely almond (*Amygdalus communis* L.), hazelnut (*Corylus avellana*), walnut (*Juglans regia*), cashews (*Anacardium occidentale*), peca nut (*Carya illinoensis*), brazil nut (*Bertholletia excelsa*), pistachio (*Pistacia vera*), macadamia or Queensland nut (*Macadamia temifolia*) and products thereof

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Nutritional values

Energy [kJ/100g]	774
Energy [kcal/100g]	193
Protein [g/100g]	0.4
Carbohydrates [g/100g]	3.0
of which Sugars [g/100g]	0.0
Fat [g/100g]	0.3
Saturated fatty acids [g/100g]	not analysable
Trans fatty acids [g/100g]	not analysable
Dietary fibre [g/100g]	88.1
Salt (Na x 2.5) [mg/100g]	100

These are average values which may vary in natural products. Therefore they are without any guarantee.

Diet

	Suitable	Certified
Halal	☒	☒
Kosher	☒	☒
Vegetarian	☒	
Vegan	☒	
Lactose-free (< 1000 mg/kg)	☒	
Gluten-free (< 20 mg/kg)	☒	

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Foreign body management

Sieves

Size (mesh) 10

Magnets

Strength (gauss) 6000 - 8000

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Statements

GMO

Referring to regulation EC No 1829/2003 of 22nd September 2003 on genetically modified food and feed and regulation EC No 1830/2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms (both published in OJ L 268 of 18th October 2003) we certify to the best of our knowledge and belief, that our product doesn't fall under the scope of the two above mentioned regulations, i.e. has not been produced of genetically modified organisms nor contain genetically modified substances.

Irradiation

Referring to the directives 1999/2/EC and 1999/3/EC we herewith confirm that the product isn't treated with ionising irradiation.

Contaminants

The product supplied by us complies with the requirements of the Regulations (EU) 2023/915 in its current version as far as applicable.

Pesticides

The product supplied by us complies with the requirements of the Regulations (EC) No. 396/2005 in its current version as far as applicable.

Nanomaterial

The product supplied by us isn't produced with nanotechnology and contains no nanomaterial according to EU regulations 1223/2009 and 1169/2011.

BSE/TSE

The product doesn't contain, and isn't derived from Specific Risk Materials (SRM) as defined in European Commission Decision 2001/1326/EC.
It is BSE-free and TSE-free.

WADA

The product doesn't contain substances as listed in the current version of Wada 'Prohibited list'.

Palm oil

The product doesn't contain neither Palm oil nor Palm kernel oil.

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CMR

The product doesn't contain substances which are classified as carcinogenic, mutagenic or toxic for reproduction.

SVHC

The product doesn't contain substances of very high concern.

California Proposition 65

The product doesn't contain compounds of the California Proposition 65 list in its current version.

Novel food

The product neither contains nor consists of novel food according to Regulation (EC) 2015/2283.

Latex

The product doesn't contain Latex.

Melamin

The product doesn't contain Melamin.

Microplastic

The product doesn't contain Microplastic.

Solvent Residues

The product doesn't contain residual solvents.

REACH

The product we offer for sale is listed in annex IV or V of Regulations (EU) 1907/2006 (REACH) and is therefore exempted from their determinations.

Risks and Handling

A Safety Data Sheet (SDS) is available on request.

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Declaration

This data sheet has been computer generated and therefore it is not signed.

This is a natural/ agricultural product. Therefore some batch variation may occur in colour, flavour, odour, appearance or composition, reflecting growing conditions and seasonal variation.

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